



Product Description

BCP® external telephone cables are suitable for outdoor installations where an armoured cable is not necessary.

Features & Benefits

- Electrolytic annealed solid copper conductor
- Colour coded foam skin has PE cladding with solid PE insulation
- Cable core is filled with a special jelly compound to avoid water leakage into air spaces
- Secondary jelly filling is applied between wrapping and screen to provide waterproofness
- UV resistant black polyethylene outer jacket

Applications

- Direct burial
- In underground cable ducts
- Distribution networks
- Long distance networks

Technical Specifications

	0.40	0.50	0.60	0.63	0.65	0.80	0.90
Conductor Resistance (Ω /km) (20°C)							
Maximum Average	139.4	89.4	62.1	58	57	35	27.6
Maximum Individual	146.6	93	64.6	60	58	37	28.8
Insulation Resistance ($M\Omega$ /km) (500 V DC)	>10000	>10000	>15000	>15000	>15000	>15000	>15000
Mutual Capacitance (nF/km) (800 Hz)	50	50	45	45	45	45	45
Capacitance Unbalance (pF/500 m)							
Between Pairs	125	125	60	60	60	60	60
Between Adjacent Quads	125	125	60	60	60	60	60
To Screen	500	500	325	325	325	325	325
Dielectric Strength (V) (DC, 1 minute)	1400	1400	2000	2000	2000	2400	3000

Example Part Number	
Description	Part Number
BCP A-02YSF/L-2Y 300 Pair PE Jacket Black	B/A-02YSF/L-2Y 300PE

